

0215/US

**ABSTRACT**

5 A video observation system, useful for location of fish and other plant and animal life underwater, comprises a solid state imager having substantial sensitivity to infrared radiation; video signal generating means for generating a video signal corresponding to the image formed on the solid state imager; mounting means for mounting the solid state imager on a submersible portion of a watercraft; and a video display device arranged to display a visible image corresponding to the image formed on the solid state imager.

098340-051501  
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